

Decision Support Services to Local NC Emergency Managers

Phil Hysell

Warning Coordination Meteorologist
National Weather Service
Blacksburg, VA



Decision Support for Smaller Events

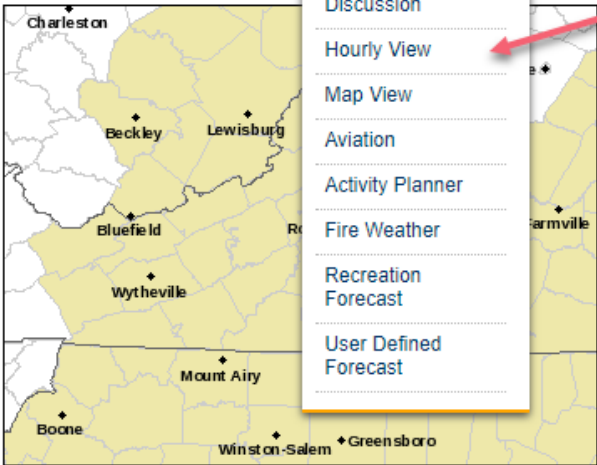
www.weather.gov

NWS Forecast Office Blacksburg, VA
[Weather.gov](http://www.weather.gov) > Blacksburg, VA

Blacksburg, VA
Weather Forecast Office

[Current Hazards](#) [Current Conditions](#) [Radar](#) [Forecasts](#) [Rivers and Lakes](#) [Climate and Past Weather](#) [Local Programs](#)

Click a location below



- Forecasters' Discussion
- Hourly View
- Map View
- Aviation
- Activity Planner
- Fire Weather
- Recreation Forecast
- User Defined Forecast

[Watches, Warnings & Advisories](#)

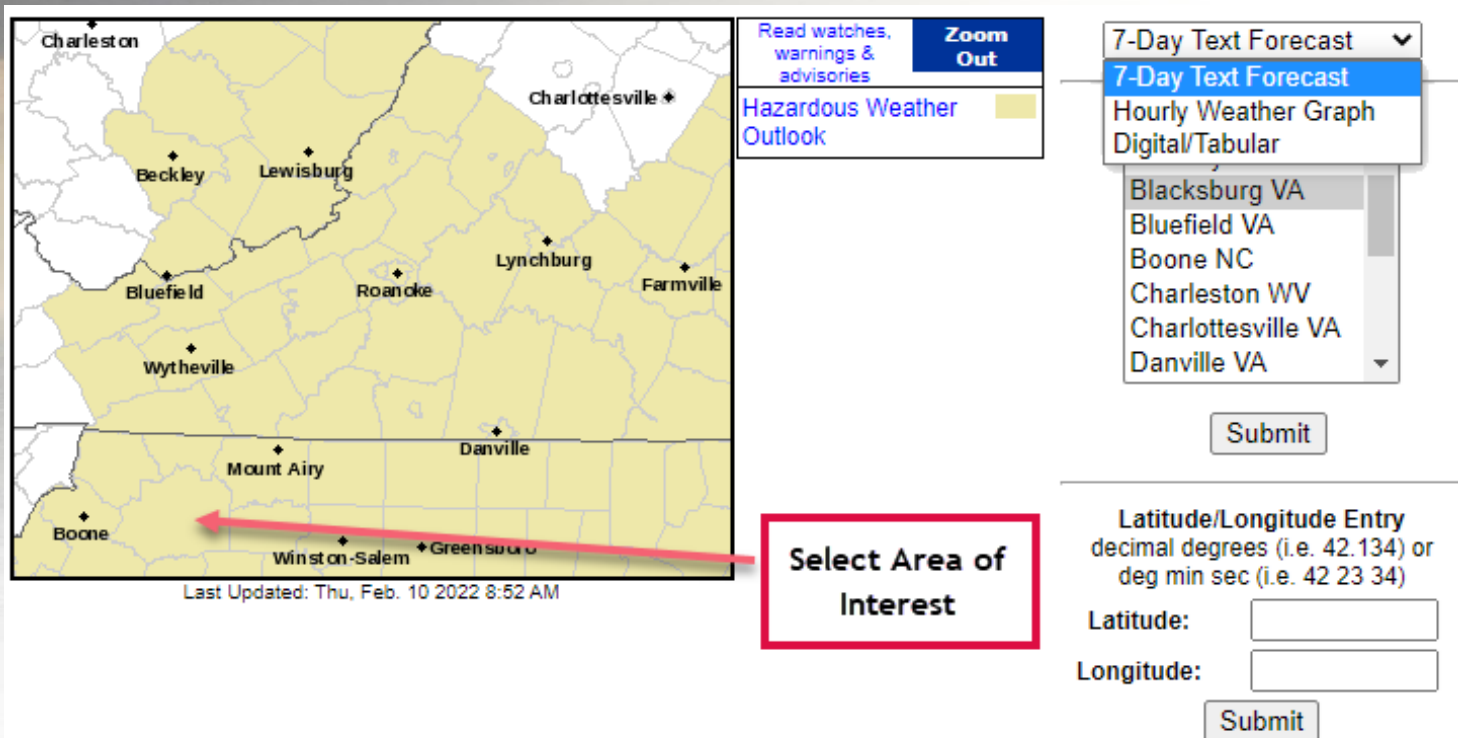
[Hazardous Weather Outlook](#)

Zoom Out

Last Map Update: Thu, Feb. 10, 2022 at 8:33:16 am EST

Planned Small Event

www.weather.gov



Read watches, warnings & advisories

Zoom Out

Hazardous Weather Outlook

7-Day Text Forecast

7-Day Text Forecast

Hourly Weather Graph

Digital/Tabular

Blacksburg VA

Bluefield VA

Boone NC

Charleston WV

Charlottesville VA

Danville VA

Submit

Latitude/Longitude Entry

decimal degrees (i.e. 42.134) or deg min sec (i.e. 42 23 34)

Latitude:

Longitude:

Submit

Select Area of Interest

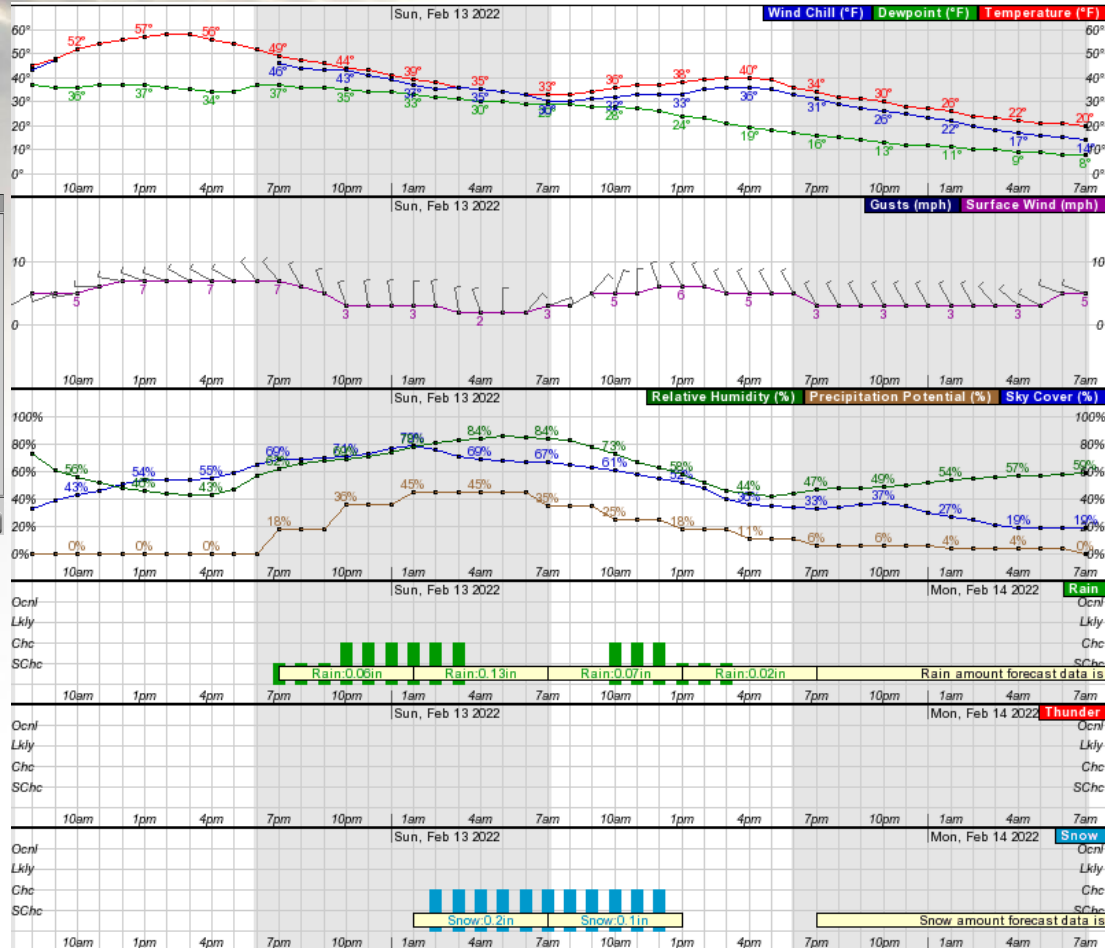
Last Updated: Thu, Feb. 10 2022 8:52 AM

Planned Small Event

Weather Elements	Fire Weather	Aviation Weather
<input checked="" type="checkbox"/> Temperature (°F)	<input type="checkbox"/> Mixing Height x100ft ▼	<input type="checkbox"/> Ceiling Height
<input checked="" type="checkbox"/> Dewpoint (°F)	<input type="checkbox"/> Haines Index	<input type="checkbox"/> Visibility
<input checked="" type="checkbox"/> Wind Chill (°F)	<input type="checkbox"/> Lightning Activity Level	<input type="checkbox"/> Thunder Potential
<input checked="" type="checkbox"/> Surface Wind mph ▼	<input type="checkbox"/> Trans. Wind mph ▼	
<input checked="" type="checkbox"/> Sky Cover (%)	<input type="checkbox"/> Vent Rate (x1000 mph-ft)	
<input checked="" type="checkbox"/> Precipitation Potential (%)	<input type="checkbox"/> Pressure (in)	
<input checked="" type="checkbox"/> Relative Humidity (%)	<input type="checkbox"/> Atmospheric Dispersion Index	
<input checked="" type="checkbox"/> Rain	<input type="checkbox"/> Low Visibility Occurrence Risk Index	
<input checked="" type="checkbox"/> Thunder	<input type="checkbox"/> Turner Stability Index	
<input checked="" type="checkbox"/> Snow		
<input checked="" type="checkbox"/> Freezing Rain		
<input checked="" type="checkbox"/> Sleet		
<input type="checkbox"/> Fog		

8-Hour Period Starting: 8am Sat, Feb 12 ▼ Submit Back 2 Days Forward 2 Days

Select elements of interest



Create Your Own Hourly Weather Forecast

www.weather.gov/forecastpoints

Zoom in, and select your point of interest

Prototype IDSS Point Forecasts

 Help |  Change Domain |  Bookmark |  Legend

Search Map...



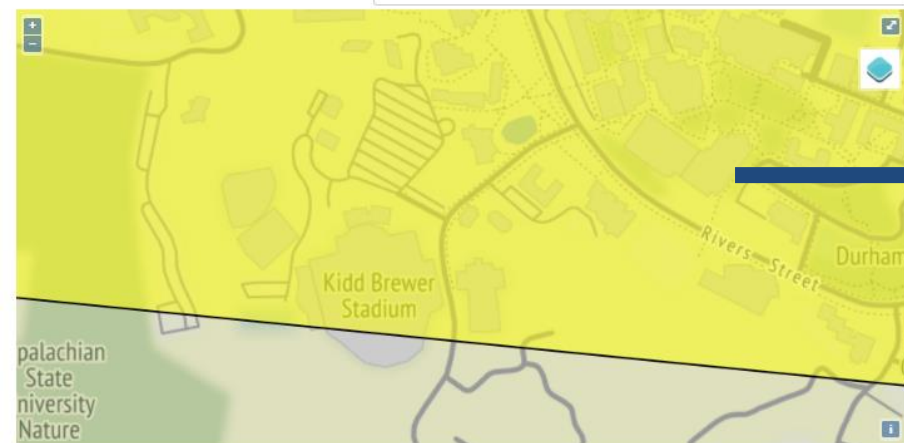
Create Your Own Hourly Weather Forecast

www.weather.gov/forecastpoints

Prototype IDSS Point Forecasts

Help | Change Domain | Bookmark | Legend

Search Map...



Wind Advisory in effect until 500 am EST Fri. 2/18/2022

Table updated: 101 pm EST Thu. 2/17/2022 (Last Update: 89 minutes ago)

Click for Text Forecast

RNK Forecast Discussion

1 miles W of Boone, NC

Weekly Summary

	Thu Feb 17	Fri Feb 18	Sat Feb 19	Sun Feb 20	Mon Feb 21	Tue Feb 22	Wed Feb 23
Max Temp, °F	54	53	41	48	55	58	60
Min Temp, °F	32	29	22	22	31	43	49
Min Wind Chill, °F	46	20	10	17	27	42	46
Max Wind, mph	20	25	22	10	9	10	9
Min Wind, mph	13	10	7	5	6	8	6
Max Wind Gust, mph	36	43	37	13	16	22	20
Max Cloud Cover, %	92	93	6	12	85	85	84
Min Cloud Cover, %	86	9	0	2	16	71	71
Max Prob. of Precip., %	87	76	0	0	60	70	70
Max RH, %	92	92	68	56	84	91	87
Min RH, %	85	59	33	35	57	80	70
Max Dew Point, °F	51	51	17	22	41	50	50
Min Dew Point, °F	47	18	12	10	23	42	43

Outlooks

Severe Thunderstorm

Day 1

Day 2

Day 3

Marginal

Not

Not

Excessive Rainfall

Marginal

Not

Not

Hourly Table

Day of week:	Thursday 2/17											Friday 2/18				
Time:	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM	12AM	1AM	2AM	3AM	4AM	5AM
Weather:	☁	☁	☁	☁	☁	☁	☁	☁	☁	☁	☁	☁	☁	☁	☁	☁
Temperature (°F):	51	51	52	53	53	53	53	53	54	54	54	53	51	48	45	41
Wind Chill, °F:	46	51	52	53	53	53	53	53	54	54	54	53	51	42	37	32
Wind Speed (mph):	13	14	14	15	20	20	18	20	18	20	20	18	17	18	21	22
Wind Gust (mph):	31	32	32	33	36	35	33	35	33	35	33	32	31	32	37	39
Wind Direction (°):	190	190	190	190	190	190	190	200	210	210	210	230	260	280	290	290
Wind Direction:	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Prob. of Precip. (%):	42	48	53	51	48	61	73	86	87	87	88	76	62	50	48	46
Prob. of Thunder (%):	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Precip. Amount (in.):	0.02	0.02	0.02	0.02	0.02	0.10	0.12	0.14	0.14	0.14	0.14	0.02	0.01	0.01	0.01	0.01
Snow (in.):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ice (in.):	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dew Point (°F):	47	47	49	49	49	50	50	51	51	51	51	51	49	46	42	39
RH (%):	87	85	88	86	85	88	89	92	90	90	92	92	92	92	91	90
Sky Cover (%):	91	90	86	88	89	91	88	88	90	92	93	93	91	87	88	83

Configure Plot Order

Configure Plot Look



Decision Support for Large Events

Dan River Coal Ash Spill - Feb 2014



- Briefings/Spot Forecasts sent three times a day for over three weeks
- Special website developed with weather/water information specific to this site
- Customized River Forecasts for this site were created by the Southeast River Forecast Center
- Feedback from IC: *"The forecasts, by all feedback I have gotten, is perfect as is. The IMT members seem to be using the pdf version to print out and attach to various briefs, etc; and they are also keeping an eye on the web page. Thank you and please thank your team for their efforts in making that happen"*

ASU Football Games



- For the highest attended game of the season, a meteorologist was deployed onsite at Kidd Brewer Stadium to participate in briefings and provide real-time updates.
- Briefings sent to ASU Emergency Management.
- Lightning notifications automatically delivered to ASU Emergency Management.

Autumn Leaves Festival - Mt. Airy, NC



National Weather Service Blacksburg, VA
Weather Impact Matrix for Surry County EM
Valid: 10/07/2021 08 AM - 10/11/2021 11 PM EDT
Call 1-540-553-8900 for additional weather support



	Thu 10/07	Fri 10/08	Sat 10/09	Sun 10/10
Max Temperature	72°F	71°F	71°F	75°F
Min Temperature	62°F	61°F	59°F	58°F
Temperature	67°F	66°F	65°F	66°F
Heat Index	72°F	71°F	71°F	75°F
Wind Speed	5 mph	2 mph	4 mph	4 mph
Wind Direction	E	E	NE	NE
Wind Gust	11 mph	5 mph	5 mph	9 mph
Chance of Precipitation	56%	65%	63%	16%
Weather	Rain Thunder	Rain Thunder	Rain Thunder	Rain
Sky Cover	84%	81%	65%	36%
Rainfall	0.24 in	0.77 in	N/A	N/A

Issued: Wednesday October 06, 2021 05:21 AM

Threat Level	None	Limited	Elevated	Significant	Extreme
Max Temperature	≤80 °F	80 to 84 °F	85 to 89 °F	90 to 99 °F	≥100 °F
Min Temperature	≤60 °F	60 to 64 °F	65 to 69 °F	70 to 79 °F	≥80 °F
Temperature	≤80 °F	80 to 84 °F	85 to 89 °F	90 to 99 °F	≥100 °F
Heat Index	≤80 °F	80 to 84 °F	85 to 89 °F	90 to 99 °F	≥100 °F
Wind Speed	≤20 mph	20 to 29 mph	30 to 34 mph	35 to 39 mph	≥40 mph
Wind Gust	≤25 mph	25 to 29 mph	30 to 57 mph	58 to 73 mph	≥74 mph
Chance of Precipitation	≤15 %	15 to 24 %	25 to 54 %	55 to 74 %	≥75 %
Sky Cover	≤20 %	20 to 39 %	40 to 59 %	60 to 79 %	≥80 %
Rainfall	≤0.1 in	0.1 to 0.99 in	1.0 to 2.99 in	3.0 to 4.99 in	≥5.0 in

- Over 250,000 people attend this event.
- Briefings sent to Surry County Emergency Management.
- Lightning notifications automatically delivered to Surry County Emergency Management.
- Meteorologists call Surry County EM when specific triggers are met (lightning, warnings, winds, heat index values, etc.)

Requesting Support for Large Events - RNK

NWS Forecast Office Blacksburg, VA

[Weather.gov](https://www.weather.gov/bls) > Blacksburg, VA

Blacksburg, VA

Weather Forecast Office

[Current Hazards](#) [Current Conditions](#) [Radar](#) [Forecasts](#) [Rivers and Lakes](#) [Climate and Past Weather](#) [Local Programs](#)

[River Flooding](#)

[Briefing Page](#)

[Drought](#)

[Space](#)

[Thunderstorms](#)

[Hurricanes](#)

[Winter](#)

[Local Outlook](#)

[Send Us Your Storm Reports](#)

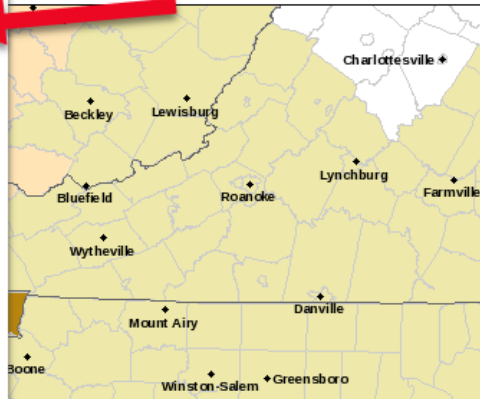
[How to Submit Storm Reports](#)

[Local Storm Reports](#)

[Graphical Local Storm Reports](#)

[Graphical Hazardous Weather Outlook](#)

Click a location below for detailed forecast.



[Watches, Warnings & Advisories](#)

[High Wind Watch](#)

[Special Weather Statement](#)

[Hazardous Weather Outlook](#)



Last Map Update: Wed, Feb. 16, 2022 at 11:34:19 am EST

[Weather Story](#)

[Local Radar](#)

[Satellite](#)



- Briefings/Notifications/Alerts can be provided to EM ONLY for events with several thousand people.
- Please submit your request at least a week before the event.
- Use your hazardous weather plan to know what triggers you want alerted (e.g. tents downed at 30 MPH winds, heat index value thresholds, lightning distance triggers, etc.)

Requesting Support for Large Events - RNK

Current Weather Event Briefing Page

[Weather.gov](#) > [Blacksburg, VA](#) > Current Weather Event Briefing Page

Blacksburg, VA
Weather Forecast Office

[Current Hazards](#) [Current Conditions](#) [Radar](#) [Forecasts](#) [Rivers and Lakes](#) [Climate and Past Weather](#) [Local Programs](#)

[Current Event](#) [Severe Weather](#) [Winter Weather](#) [Flooding](#) [Heat/Drought](#) [Fire Weather](#)

This page provides information on significant weather occurring now or in the next couple of days.

If you are an Emergency Manager in need of weather forecast support for an event, please fill out the [DSS Request Form](#).

In addition, our criteria for issuing watches, warnings, and advisories can be found [here](#)

Click on map for detailed forecast



[Watches,
Warnings &
Advisories](#)

[Hazardous Weather
Outlook](#)



Last Map Update: Thu, Feb 10, 2022 at 10:04:15 am EST

Requesting Support for Large Events - RNK

- **Complete this online form**
- **NWS will respond in a few days**
- **Please provide at least one week notice**
- **Each NWS office has a different method of requesting this support**
- **When in doubt, call your local NWS office**

Requesting Agency Information

Are you an Emergency Manager or Coordinator? If not, please coordinate through your Emergency Management Office.

Primary Contact Name *

Your answer

Primary Contact Phone *

Your answer

Secondary Phone (If applicable)

Your answer

Primary Contact E-mail *

Your answer

Next

Page 1 of 3

Clear form

Lightning Notification Example - RNK

no-reply@earthnetworks.com

to me ▼

Notification Rule: Ltg proximity

Lightning alert within 8mi 20min

Lightning Distance: 7.35 miles

Stroke Location: Lat: 36.902 Lon: -80.403

Type: IC

Peak Current: +4.607 kA

Activated Time: 07/26/2021 05:37:05 PM EDT

✎ Notification Rule

⚡ Lightning

Radius

Radius

mi

Duration

Duration

min

☐ Send All Clear email

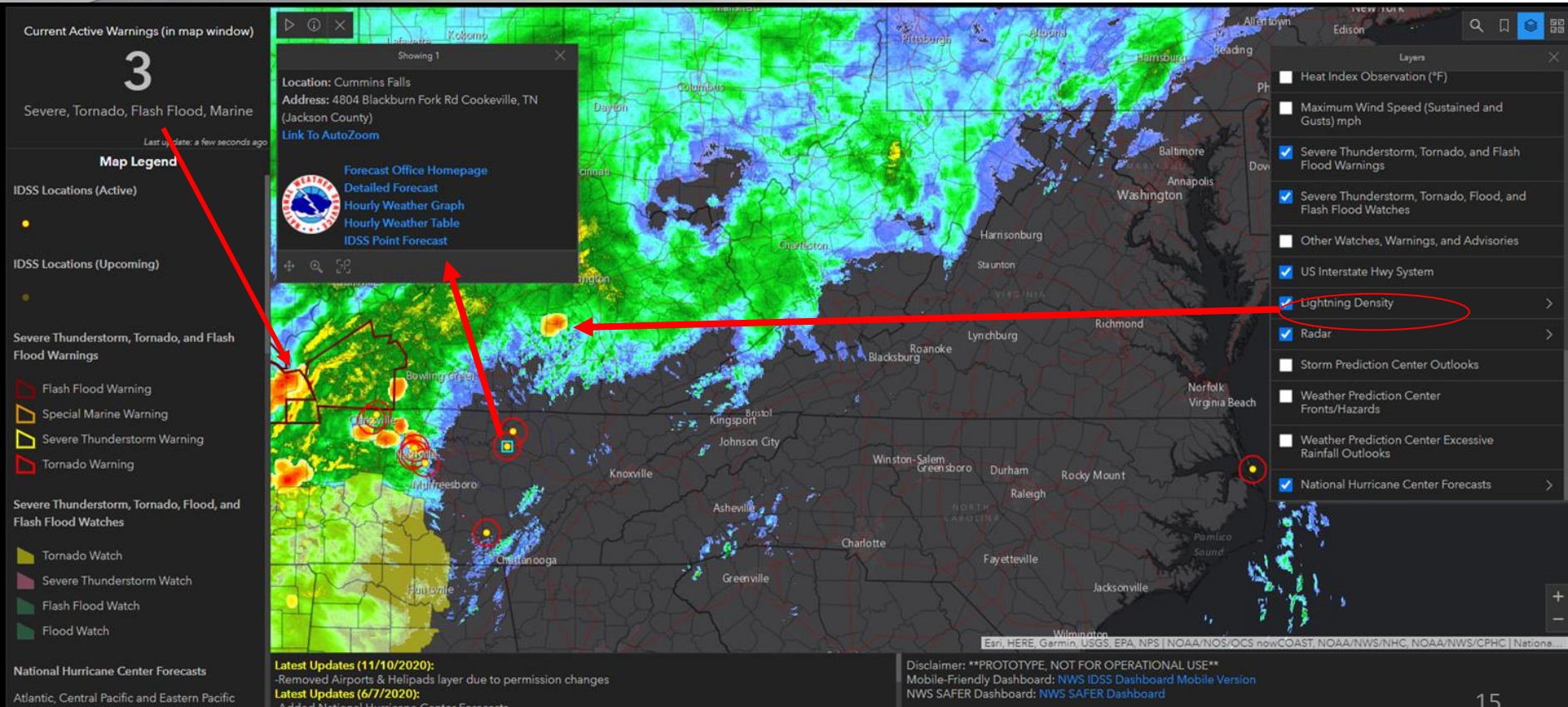
[Set Silence Time ▲](#)

Lightning strike damages Pilot Mountain church

June 2, 2019 mtairnews News, Top Stories 0



Situational Awareness Display - RNK



WFO GSP

weather.gov/gsp/dssrequest

NWS Greenville-Spartanburg SC Decision Support Services Request

Please use this form if you are requesting Decision Support Services (DSS) for an event or exercise set to occur in the coming weeks to months. If you need immediate DSS for an event currently ongoing or set to occur within the next 48 hours, please call our office.

 trisha.palmer@noaa.gov (not shared) [Switch account](#)

* Required

Event Name *

Your answer

Requesting entity (City, County, Group, etc.) *

Your answer

Location of event *

Provide street address, building, city, state, etc., if possible. If further details are pending, at least provide County, City and/or State.

Your answer

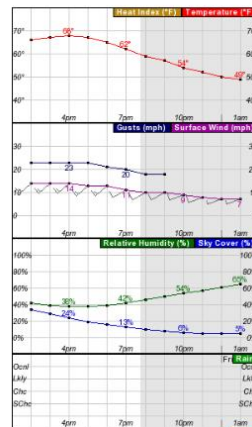
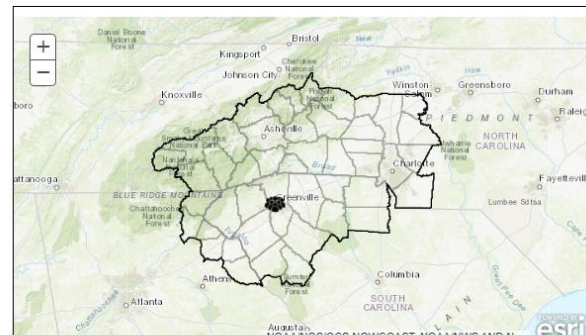
Type of Event *

- ☐ Routine Local Event (festival, sports, etc)
- ☐ Exercise
- ☐ Search and Rescue
- ☐ Support before or after a major weather event
- ☐ National Special Security Event or SEAR 1-3
- ☐ Misc. HazMat
- ☐ Airborne Release (Chemical/Bio)
- ☐ HazMat release in stream
- ☐ Nuclear incident
- ☐ Fire

Type of Decision Support Requested *

- ☐ On-Site (NSSE or SEAR 1-3)
- ☐ Remote from NWS Greenville-Spartanburg Office
- ☐ Other: _____

Special Event Forecast DSS Forecast Graphics Updated At: 03/21/2022 11:31AM




Threat Table

Key: 1 2 3 4	Thu Afternoon	Thu Night
Ice/Freezing Rain (Amount)	0.0	0
Snow/Sleet (Amount)	0.0	0
Min Wind Chill	62	57
Peak Wind (mph)	13 gust 23 (SW)	10 gust 18 (WSW)
Severe Storm Threat (0-4)	0	0
Lightning Probability(%)	1	0
Fire Danger (0-4)	0	0
Fog (Min Visibility)	-	-

WFO GSP

- Routine support/planned events
 - Char-Meck (events at Bank of America Stadium)
 - Annual Events (e.g., Grandfather Mountain Highland Games)
 - Community events/festivals
 - Polk NITC
 - Upcoming: President's Cup
 - Got something you want to discuss? Call me!
- Emergency Support
 - SAR, spots
 - Post-event (Haywood County)
 - Need support? Call us!


NATIONAL WEATHER SERVICE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 BRIEFING CREATED
8/25/2021 4:42 PM

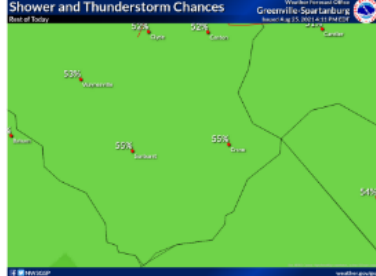
Haywood County Search and Rescue Briefing for Wednesday, August 25th

Scattered to numerous showers and thunderstorms are expected across Haywood County this afternoon and evening. Some of these storms have the potential to become strong to severe.

Cloud to ground lightning and brief heavy rain will be the main hazards. Some storms may contain damaging wind gusts and small hail.

High temperatures will range from the mid 80s in the valleys and upper 70s at higher elevations.

Haywood County Forecast: <https://forecast.weather.gov/MapClick.php?zoneid=NC2052>
 Waynesville Forecast: <https://go.usa.gov/xfe57>
 Cruso Forecast: <https://go.usa.gov/xfe58>



Shower and Thunderstorm Chances

Weather Forecast Office Greenville-Spartanburg
 Area 46-55, 203-231-8870

Confidence Level


Afternoon and evening thunderstorms

Moderate

NEXT BRIEFING UPDATE BY: Thursday Morning

OFFICE WEBPAGE: www.weather.gov/gsp

NATIONAL WEATHER SERVICE GREENVILLE-SPARTANBURG SC


NATIONAL WEATHER SERVICE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 BRIEFING CREATED
8/25/2021 4:43 PM

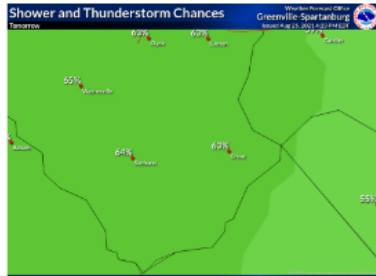
Haywood County Search and Rescue Briefing for Thursday, August 26th

Scattered to numerous showers and thunderstorms are expected across Haywood County tomorrow afternoon and evening.

Cloud to ground lightning and brief heavy rain will be the main hazards. Some storms may contain damaging wind gusts.

Afternoon high temperatures in the low 80s in the valleys and mid to upper 70s at higher elevations.

Haywood County Forecast: <https://forecast.weather.gov/MapClick.php?zoneid=NC2052>
 Waynesville Forecast: <https://go.usa.gov/xfe57>
 Cruso Forecast: <https://go.usa.gov/xfe58>



Shower and Thunderstorm Chances

Weather Forecast Office Greenville-Spartanburg
 Area 46-55, 203-231-8870

Confidence Level

Afternoon and evening thunderstorms

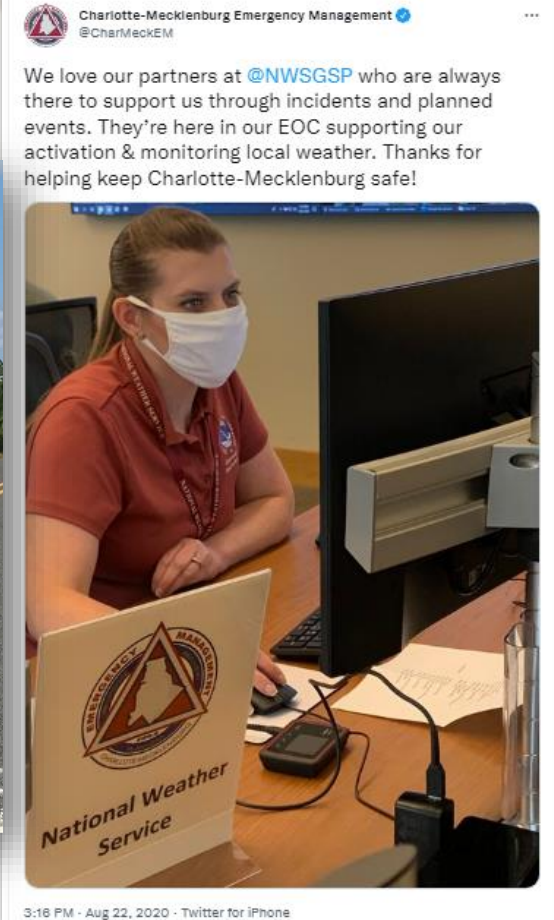
Moderate

NEXT BRIEFING UPDATE BY: Thursday Morning

OFFICE WEBPAGE: www.weather.gov/gsp



NATIONAL WEATHER SERVICE GREENVILLE-SPARTANBURG SC

WFO GSP



WFO Morehead City

To request support
erik.heden@noaa.gov or
wxobs.mhx@noaa.gov or
call 252 223 5737 EXT 6



National Weather Service
Newport/Morehead City, NC

Outlook Period: 8:00 AM March 12th to – 6 PM March 12th, 2022
Time Issued: 9:30 AM March 10th, 2022

Prepared by: NWS Morehead City
Duty Forecaster #: 252-223-5737 Ext. 6

Weather Briefing #1

Wind Gusts Over 40 MPH Likely/Strong Thunderstorms Possible


Forecast

Saturday: Windy with showers and thunderstorms especially through early afternoon. Some storms may be strong. High 68 in the morning, temps fall into the 50s by late afternoon. Southwest winds 25 to 35 MPH, gusts to 46 MPH.

Time	Temp	Precipitation Chance	Weather and Wind
8 AM	65	91%	Showers with a chance of thunderstorms. Southwest 25 MPH, Gusts to 40 MPH.
10 AM	67	93%	Showers with a chance of thunderstorms. Southwest 30 MPH, Gusts to 46 MPH.
Noon – 2 PM	Mid 60s	74%	Chance of Showers and Thunderstorms. Southwest 30 MPH Gusts, to 46 MPH
4 PM	53	45%	Chance showers. West 25 MPH, Gusts to 36 MPH

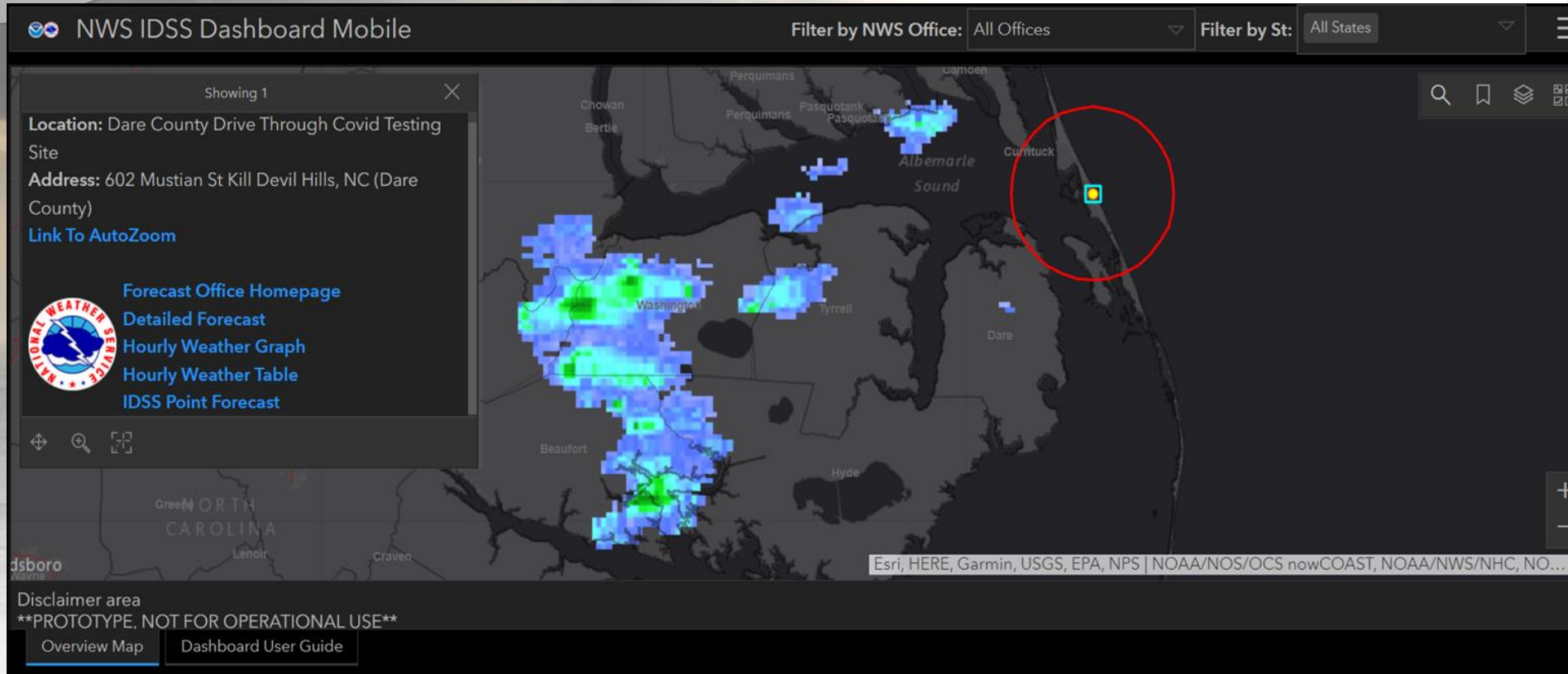
Links to Location Specific Forecasts

[Point Forecast](#) | [Hourly Weather Graph](#)
[Weather Table](#) | [Monitor Forecast](#)

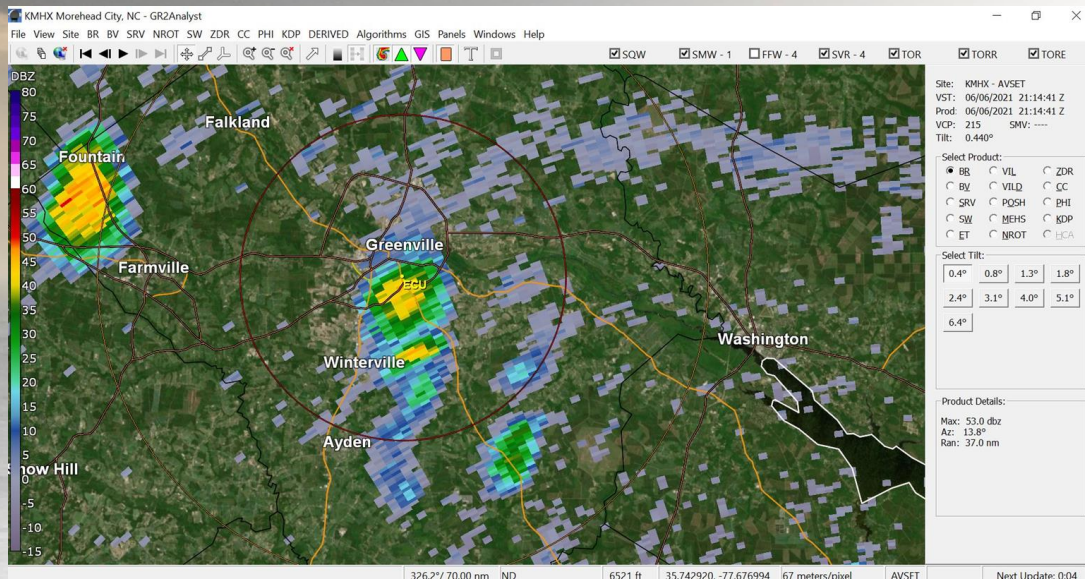


Briefing provided for Carteret County Emergency Management.
For the latest updates, please visit our website via the links above

WFO Morehead City



ECU NCAA Baseball Tournament Spring 2021



- 5 Day event, practices/games
- Briefings sent to ECU Emergency Management.
- On site support during two days of active weather
- Lightning and heavy rain main thresholds of concern.

ECU Home Football Games



- Multiple games each fall for a few years now.
- Briefings sent to ECU Emergency Management.
- Usually remotely supported unless weather is active.
- Lightning and heavy rain main thresholds of concern.

Outer Banks Seafood Festival



- Provided on site support fall 2021 and 2019.
- Briefings sent to Dare County Emergency Management.
- Wind a concern (tents) along with lightning, rain.
- Provide multiple remote support and briefings throughout the year

WFO Raleigh

To request support
Weather.gov/Raleigh/support

Direct questions to
Nicholas.Petro@noaa.gov or
call Nick at (919) 326-1047



NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER SAFETY INFORMATION EDUCATION NEWS SEARCH ABOUT

Local forecast by City, ST or ZIP code
Enter location: [] Go
Location Help

News Headlines

- [Become a citizen scientist during CoCoRaHS March Madness!](#)
- [January 2022 Monthly Climate Summary for Central NC...](#)

NWS Raleigh Remote and On-Site Weather Support
[Weather.gov > Raleigh, NC > NWS Raleigh Remote and On-Site Weather Support](#)

Raleigh, NC
Weather Forecast Office

Current Hazards Current Conditions Radar Forecasts Rivers and Lakes Climate and Past Weather Local Programs

Click Here
To Request Weather Support

Types of Impact-based Decision Support Services, or IDSS, offered by NWS Raleigh

	Remote IDSS: NWS Raleigh meteorologists can provide weather briefings via phone calls (inbound or outbound calls), online webinars, and email briefings. The types of events that "remote IDSS" works well for include: large public gatherings, large fairs or community events, and natural or man-made hazmat incidents, among others.
	On-site IDSS: NWS Raleigh meteorologists can provide weather briefings on-site and in-person via deployments to an emergency operations center or command post near an incident or event. The types of events that "remote IDSS" works well for include: very large public gathering or incidents where the potential public hazards and risks, and number of people involved, warrant having instant on-site weather briefings. The types of weather events that are particularly useful to have an on-site meteorologist include hurricanes, winter storms, large-scale severe weather outbreaks, and major flooding events.
	Recurring IDSS: NWS Raleigh meteorologists provide ongoing support throughout the year with pre-seasonal meetings, functional and tabletop exercises, weather training and preparedness outreach, or support for routine/high-value decisions.

Requesting Support from WFO Raleigh

Weather.gov/Raleigh/support

**NATIONAL WEATHER SERVICE**
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER SAFETY INFORMATION EDUCATION NEWS SEARCH ABOUT

Local forecast by
"City, ST" or ZIP code

Enter location
[Location Help](#)

Customize Your Weather.gov


Enter Your City, ST or ZIP Code
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News Headlines

- [Become a citizen scientist during CoCoRaHS March Madness!](#)
- [January 2022 Monthly Climate Summary for Central NC...](#)

NWS Raleigh Remote and On-Site Weather Support
[Weather.gov](#) > [Raleigh, NC](#) > NWS Raleigh Remote and On-Site Weather Support
Raleigh, NC
Weather Forecast Office
Current Hazards Current Conditions Radar Forecasts Rivers and Lakes Climate and Past Weather Local Programs



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Decision Support Services Request Form National Weather Service, Raleigh, NC

** FOR OFFICIAL GOVERNMENT SUPPORT ONLY **

Please use this form to request weather support from the NWS Raleigh, as it relates to central North Carolina weather. NWS Raleigh can provide either remote or on-site weather support. Once a request for weather support is received, a Meteorologist from our office will reach out to you to finalize details. Timing may vary depending on the current weather situation. For immediate assistance, or if you haven't heard back about your request, please contact the NWS Raleigh via our operational hotline. Requests should be given at least a week in advance when possible, with additional time likely need to accommodate an on-site Meteorologist for support.

Eligibility: This weather support is available to NWS core partners, such as emergency managers, community leaders, other government agencies, and the media. Please note that the general public and private sector businesses are not eligible for this service.

nicholas.petro@noaa.gov [Switch account](#)

* Required

Email *

Your email

Requesting Agency Name *

Your answer

Agency Primary Contact Name *

Your answer

Clicking this
takes you here

Types of Support

- **Email list / Briefings:** Email Nicholas.Petro@noaa.gov to get on the email list.
- **Old-fashion phone support:** See Nick for the back-line phone number to NWS Raleigh.
- **Routine and high-impact weather briefings and virtual meetings.**
- **Conference calls:** NWS meteorologists available to attend your agency's internal conference calls.
- **Remote iDSS:** NWS Raleigh meteorologists can provide weather briefings via phone calls (inbound or outbound calls), online webinars, and email briefings. The types of events that "remote iDSS" works well for include: large public gatherings, large fairs or community events, and natural or man-made hazmat incidents, among others.

Types of Support Continued

- **On-site iDSS:** NWS Raleigh meteorologists can provide weather briefings on-site and in-person via deployments to an emergency operations center or command post near an incident or event. The types of events that "remote iDSS" works well for include: very large public gathering or incidents where the potential public hazards and risks, and number of people involved, warrant having instant on-site weather briefings. The types of weather events that are particularly useful to have an on-site meteorologist include hurricanes, winter storms, large-scale severe weather outbreaks, and major flooding events.
- **Recurring iDSS:** NWS Raleigh meteorologists provide ongoing support throughout the year with pre- seasonal meetings, functional and tabletop exercises, weather training and preparedness outreach; or support for routine/high-value decisions.

We are staffed up to help you when it's needed the most! *Don't hesitate to call!*



17 brilliant meteorologists under one roof, ready to help you at a moments notice!

Remote Weather Support

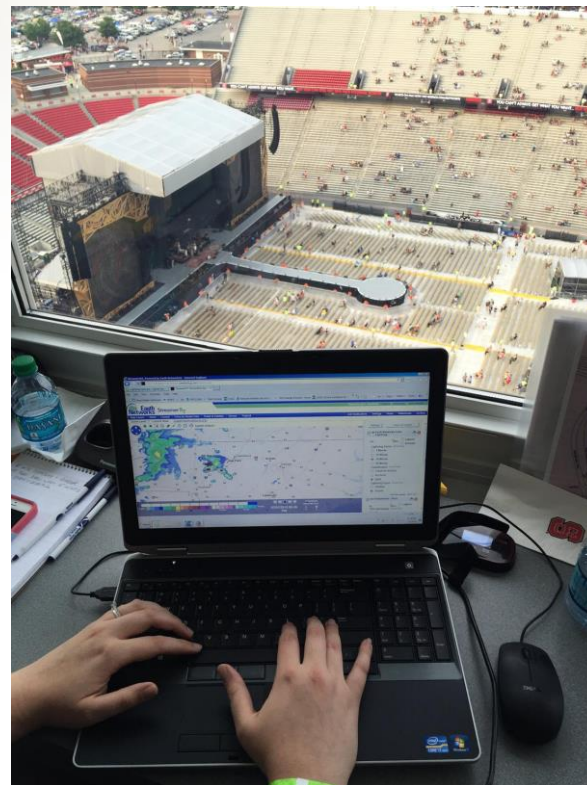
We are on the VIPER system, and can provide weather support with the simple push of a button!



On the right: NWS Raleigh continues to provide severe weather updates to our local, state and federal partners. Here at NWS Raleigh, WCM Nick Petro is providing a briefing to the command center at the FEMA COVID19 Greensboro Community Vaccination Center in Greensboro, NC.

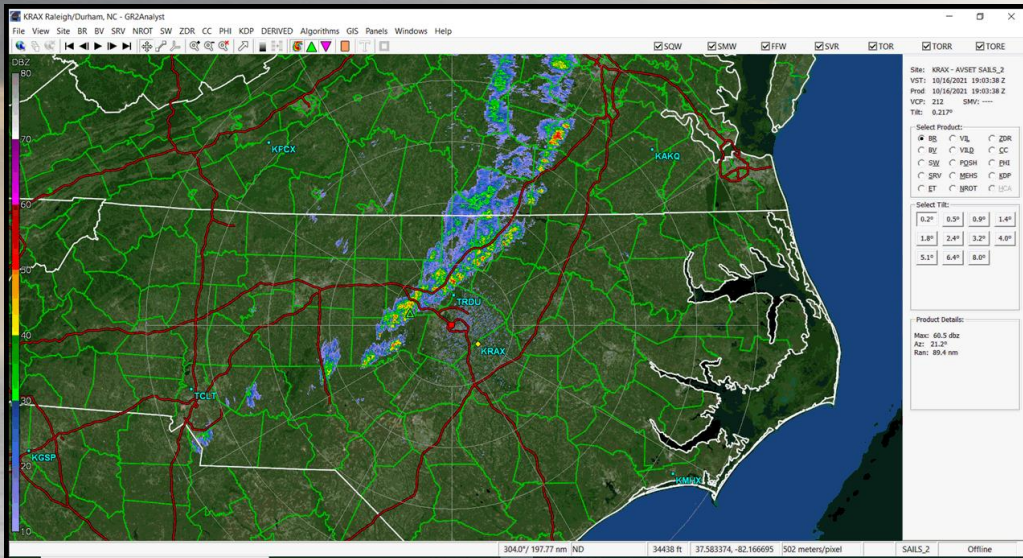


On-Site Weather Support



On-Site Support Case Study

2021 North Carolina State Fair



“the National Weather Service staff were instrumental in the success of the fair being one of the safest on record.”

-Chief Chip Hawley, State Capital Police

Tabletop Exercises



NWS Raleigh's Nick Petro and Brandon Locklear (standing on left) are participating in the **Planetary Defense Interagency Tabletop Exercise** in Winston-Salem this past February with a number of City, County, State, and Federal partners. One of many ways we strive to build a Weather Ready Nation!

Thank you!

- Please let us know how we can help!
- Participating/Preparing materials for exercises.
- Support for HAZMAT incidents, including plume forecasts.
- Presentations at your LEPC meetings.
- Climate data for grants (e.g. frequency of weather events/warnings issued)

